

Message Text

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ACTION EUR-12

INFO OCT-01 ISO-00 DODE-00 ACDA-10 CEQ-01 CIAE-00 DOTE-00

EPA-04 HEW-06 HUD-02 INR-07 INT-05 L-03 NSAE-00

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CG-00 DLOS-04 /109 W

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INFO AMEMBASSY BONN

AMEMBASSY BRUSSELS

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AMEMBASSY LONDON

AMEMBASSY PARIS

AMEMBASSY ROME

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AMEMBASSY OTTAWA

AMEMBASSY LISBON

AMEMBASSY ATHENS

AMEMBASSY OSLO

AMEMBASSY REYKJAVIK

AMEMBASSY LUXEMBOURG

AMEMBASSY COPENHAGEN

AMEMBASSY ANKARA

UNCLAS SECTION 1 OF 2 USNATO 3307

E.O. 11652: N/A

TAGS: CCMS, SENV

SUBJECT: CCMS: COASTAL WATER POLLUTION-EXPERTS MEETING IN OSTEND,
BELGIUM, JUNE 9-13, 1975

REF: USNATO 2318 (NOTAL)

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DEPT PLEASE PASS NOAA FOR FRANK HEBARD AND EPA FOR DENNIS TIRPAK
AND F. ALLEN HARRIS

SUMMARY: EXPERTS FROM 11 ALLIED COUNTRIES ATTENDED MEETING ON

CCMS COASTAL WATER POLLUTION PILOT STUDY - NORTH SEA MODELING PROJECT, SPONSORED BY PILOT COUNTRY BELGIUM IN OSTEND JUNE 9-13 TO DEVELOP FINAL RESOLUTIONS AND RECOMMENDATIONS ON THIS ASPECT OF PILOT STUDY FOR APPROVAL BY CCMS (TEXT, WITH MEETING HIGHLIGHTS, BELOW). PORTUGUESE DEL (CO-PILOT) INVITED GROUP TO HOLD ITS NEXT MEETING IN PORTUGAL. END SUMMARY.

1. EXPERTS FROM BELGIUM, CANADA (CO-PILOT), FRANCE (CO-PILOT), FRG, GREECE, ITALY, NETHERLANDS, NORWAY, PORTUGAL (CO-PILOT), US AND UK MET IN OSTEND JUNE 9-13 AT INVITATION OF BELGIUM AS PILOT COUNTRY. BELGIAN PILOT STUDY DIRECTOR CAPT MARC RENSON AND CANADA'S CHIEF OCEANOGRAPHER DR. NEIL CAMPBELL CO-CHAIRLED MEETING. US WAS REPRESENTED BY DR. FRANK HEBARD FROM NOAA, MR. DENNIS TIRPAK OF EPA, AND USNATO CCMS OFFICER (SANDERS). OBSERVERS WERE PRESENT FROM COMMISSION OF EUROPEAN COMMUNITY AND FROM INTERNATIONAL COMMITTEE FOR EXPLORATION OF THE SEA (ICES).

2. EARLY SESSIONS WERE DEVOTED TO MAJOR TECHNICAL PRESENTATIONS AS FOLLOWS: BELGIUM--PRESENTED STATUS REPORT ON DEVELOPMENT AND APPLICATION OF BELGIUM'S MATHEMATICAL MODEL OF THE NORTH SEA, WITH PARTICULAR EMPHASIS ON SCHELDE ESTUARY AND BELGIAN COASTAL WATERS; BELGIAN DEL CIRCULATED 4TH ANNUAL REPORT ON BELGIUM'S MODELING ACTIVITIES; CANADA-- DESCRIBED EXTENSIVE CANADIAN PROGRAM ON QUALITY OF MARINE ENVIRONMENT IN GULF OF ST. LAWRENCE; PLUS CANADIAN PROJECT ON BEAUFORD SEA IN AREA OF MACKENZIE RIVER DELTA NEXT TO ALASKAN NORTH SLOPE; CANADIAN DEL ALSO CIRCULATED PAPERS PREPARED ON BEAUFORT SEA, PROJECT, THE FRASER RIVER TIDAL FLATS, B.C., AND REVIEW OF CANDIAN COASTAL SEA RESEARCH; PORTUGAL-- DESCRIBED MATHEMATICAL MODELLING AND ANTI-POLLUTION EFFORTS IN TAGUS ESTUARY AND ELSEWHERE IN PORTUGUESE COASTAL WATERS; PORTUGUESE DEL CIRCULATED MASSIVE WRITTEN REPORT ON FOREGOING, PREPARED FOR OTEND MEETING, PLUS A SPECIALLY PREPARED PAPER ON THE JACOB MAERSK OIL TANKER ACCIDENT OFF THE PORTUGUESE COAST IN EARLY 1975, AND RECENT PORTUGUESE REPORT ON POLLUTION OF THE SEA BY HYDROCARBONS; US--(1)REVIEWED PRESENT COMPLEX OF US LEGISLATIVE AND REGULATORY TOOLS FOR MANAGEMENT OF MARINE ENVIRONMENTAL QUALITY; (2) OUTLINED NE YORK BIGHT PROGRAM; (3) UNCLASSIFIED

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DISCUSSED RECENT US ATTENTION TO MARINE ENVIRONMENT PROBLEMS IN WATERS OF CONTINENTAL SHELF; US DEL DISTRIBUTED COPIES OF SEVERAL RECENT REPORTS ON CURRENT US PROGRAMS, INCLUDING WORK ON THE NW YORK BIGH, AND DREW ATTENTION TO A NUMBER OF OTHER US REPORTS AVAILABLE UPON WRITTEN REQUEST; ITALY--PRESENTED STATUS REORT ON ANTI-POLLUTION WORK IN VENETIAN LAGOON AND OTHER DEVELOPMENTS. THE GROUP WAS THEN DIVIDED INTO THREE WORKING GROUPS (CHEMICAL, BIOLOGICAL, AND PHYSICAL OCEANOGRAPHIC), TO PREPARE SCIENTIFIC CONCLUSIONS AND RECOMMENDATIONS, WHICH WOULD SERVE AS A BASIS, IN DISCUSSIONS DURING THE FINAL SESSION OF THE MEETING, FOR DEVELOPMENT OF THE FINAL RESOLUTIONS AND RECOMMENATIONS TO CCMS, TO WHICH THE WORKING GROUP'S FINDINGS WILL BE ANNEXED; AT CONCLUSION OF OSTEND PROCEEDINGS, PORTUGUESE DEL INVITED EXPERT GROUP TO

HOLD NEXT MEETING IN PORTUGAL. (MISSION COMMENT: WITH PILOT STUDY SOON TO ENTER FOLLOW-UP PHASE--PORTUGUESE INVITATION COULD WELL PROVIDE VENUE FOR AD HOC FOLLOW-UP EXPERT GROUP TO HOLD ITS INITIAL SESSION, PERHAPS COMBINED WITH WORKSHOP ON RELATED MARINE ENVIRONMENTAL QUESTIONS. END COMMENT).

3. THEME STRESSED BY MANY SPEAKERS THROUGHOUT WEEK WAS NEED TO FOSTER EFFECTIVE INTERNATIONAL COOPERATION, NOW LARGELY LACKING IN THE FIELD OF DEVELOPMENT OF IMPROVED MARINE ENVIRONMENTAL MANAGEMENT PRACTICES, AND TO REFINES FURTHER THE ESSENTIAL TECHNOLOGY AND METHODOLOGY INVOLVED, INCLUDING APPLICATION OF MATHEMATICAL MODELS. WHILE FULLY SUPPORTING EXISTING INTERNATIONAL CAPABILITIES AND PROBLEMS, THE EXPERTS PRESENT IDENTIFIED SIGNIFICANT GAPS AND THE NEED FOR A MORE INTENSIVE COLLABORATIVE APPROACH. TO THAT END THEY AGREED ON RESOLUTIONS AND RECOMMENDATIONS BELOW FOR SUBMISSION TO CCMS THIS FALL FOR APPROVAL. A KEY FEATURE OF THEIR RECOMMENDATIONS WAS CALL FOR FORMATION OF AN AD HOC GROUP OF REPS FROM INTERESTED COUNTRIES TO PROVIDE INFORMAL MECHANISM FOR MONITORING FOLLOW-UP, AS WELL AS FOR RELATED INFORMATION EXCHANGE AND EVALUATION IN THIS FIELD, SO AS TO PROMOTE MAXIMUM FEASIBLE IMPACT ON PROBLEM.

4. AFTER FURTHER EDITORIAL WORK BY BELGIAN AND CANADIAN CO-CHAIRMAN ON MEETING REPORT IN BRUSSELS THIS WEEK, COMPLETE DRAFT WILL BE CIRCULATED FOR ALLIED AUTHORITIES' REVIEW AT EARLY DATE AS ACTION DOCUMENT FOR FALL CCMS PLENARY. BEGIN TEXT OF RESOLUTIONS AND RECOMMENDATIONS:

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ACTION EUR-12

INFO OCT-01 ISO-00 DODE-00 COME-00 ACDA-10 CEQ-01 CIAE-00

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SAJ-01 OES-05 SP-02 SS-15 TRSE-00 USIA-15 FEAE-00

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THE NATIONS OF THE ALLIANCE

NOTING
THAT THE IMPACT OF MODERN SOCIETY LEADS TO
IMPORTANT PROBLEMS OF POLLUTION OF THE MARINE ENVIRONMENT WITH
EMPHASIS ON SEA FOOD CHAIN CONTAMINATION.

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NOTING FURTHERMORE THAT THE EFFECTS OF COASTAL POLLUTION
SHOULD BE CONSIDERED WHEN DEALING WITH OCEAN WATERS.

RECOGNIZING THAT THERE IS AN URGENT NEED TO DEVELOP SCIENTIFIC
PERDITIVE TOOLS FOR USE IN THE MANAGEMENT OF THE MARINE EN-
VIRONMENT FOR SUCH PURPOSES AS MAINTAINING AND ENHANCING COASTAL
WATER QUALITY.

RECOGNIZING THE NEEDS AND CONCLUSIONS STATED IN THE REPORTS OF THE
EXPERTS GROUPS HEREBY INCLUDED.

RESOLUTION

THE NATIONS OF THE ALLIANCE RESOLVE TO WORK TOGETHER AND WITH OTHER
NATIONS AND WITHIN THE OTHER ORGANISATIONS CONCERNED TO COMBAT
POLLUTION IN THE NORTH ATLANTIC OCEAN AND ITS ADJACENT SEAS.
THEY ALSO RESOLVE TO WORK TOGETHER AND WITH OTHER NATIONS AND WITHIN
THE OTHER ORGANISATIONS CONCERNED TO IMPROVE MAN'S UNDERSTANDING OF
THE MARINE ENVIRONMENT WITH A VIEW TOWARDS THE DEVELOPMENT OF MARINE
ENVIRONMENTAL MANAGEMENT PRACTICES WHICH MAINTAIN AND ENHANCE THE
MARINE ENVIRONMENT.

RECOMMENDATIONS

1. IT IS RECOMMENDED THAT THE NATIONS OF THE ALLIANCE INDIVIDUALLY OR
COLLECTIVELY ENCOURAGE AND PARTICIPATE IN INTERDISCIPLINARY MARINE
ENVIRONMENTAL STUDIES AS A MEANS OF ACQUIRING THE NECESSARY KNOWLEDGE
REQUIRED FOR MARINE MANAGEMENT PROGRAMS.

2. RECONGIZING THE VALUE OF MATHEMATICAL MODELLING AS A PREDICTIVETO ALL

FOR CONTINENTAL SEAS MANAGEMENT AND POLLUTION CONTROL, IT IS RECOMMENDED

THAT THE NATIONS OF THE ALLIANCE ENCOURAGE AND SUPPORT
ADDITIONAL RESEARCH AND EXCHANGE OF KNOWLEDGE ON INTERDISCIPLINARY
MATHEMATICAL MODELS WITH THE VIEW TOWARDS IMPROVING
THEIR PREDICTIVE CAPABILITY.

3. NOTING THE AVAILABILITY OF MANY MATHEMATICAL MODELS, IT IS
RECOMMENDED TO CONSIDER WAYS AND MEANS OF APPLICATIONS OF THESE
MODELS (TO PROVIDE MARINE ENVIRONMENTAL INFORMATION
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FOR MANAGEMENT PURPOSES).

4. IT IS RECOMMENDED THAT CLOSE RELATIONS BE ESTABLISHED BETWEEN THE
DIFFERENT INTERDISCIPLINARY GROUPS WORKING IN DIFFERENT COUNTRIES
AIMING AT THE COORDINATION OF THEIR EFFORT.

5. IT IS RECOMMENDED THAT NATIONS OF THE ALLIANCE WORK TOGETHER AND
WITH THE OTHER NATIONS CONCERNED IN THE DEVELOPMENT OF SYSTEMS FOR
EFFECTIVE DATA ACQUISITION AND MONITORING OF THE COASTAL SEAS
MARINE ENVIRONMENT, WITH EMPHASIS ON BOUNDARY CONDITIONS AND ON
ACHIEVING DATA COMPARABILITY THROUGH INTERCALIBRATION OF MEASURE-
MENT TECHNIQUES AND INSTRUMENTS.

RESOLUTION

THE NATIONS OF THE ALLIANCE RESOLVE THAT DESPITE THE LACK OF COMPLETE
KNOWLEDGE OF THE OCEANOGRAPHIC PROCESSES MANAGEMENT PROGRAMS SHOULD
FULLY EXPLOIT EXISTING KNOWLEDGE AND MODELS SO THAT THE QUALITY OF
THE MARINE ENVIRONMENT CAN BE MAINTAINED OR ENHANCED.

RECOMMENDATION

IT IS RECOMMENDED THAT THE NATIONS OF THE ALLIANCE EXPEDITE
EARLY IDENTIFICATION OF THE MOST SERIOUS MARINE POLLUTION
PROBLEMS AND THAT THEY ENDEAVOUR TO DESIGN AND IMPLEMENT
WITHIN 5 YEARS PROGRAMS FOR COOPERATIVE ACTION, WITH OTHER
NATIONS CONCERNED AND OTHER SPECIALIZED BODIES CONCERNED
TO FIGHT THESE PROBLEMS.

RECOMMENDATION

THE MEMBERS OF THE ALLIANCE ARE URGED TO CONSULT EACH OTHER
IN FOSTERING THE ABOVE RECOMMENDATIONS IN OTHER INTERNATIONAL
OR INTERGOVERNMENTAL BODIES OR AGREEMENTS.

RESOLUTION

THE MEMBERS OF THE ALLIANCE RESOLVE TO ASSURE FOLLOW-UP OF THE
ABOVE RESOLUTIONS AND RECOMMENDATIONS.

THEY RESOLVE FURTHER MORE THAT IT WILLBE ASSURED BY AN AD HOC
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GROUP OF REPRESENTATIVES FROM INTERESTED
COUNTRIES, WHICH WILL:

-COLLECT THE INFORMATION OF THE IMPLEMENTATION OF THE
ABOVE RESOLUTIONS AND RECOMMENDATIONS;

-EVALUATE ALL INFORMATION EXCHANGED AMONGST THE MEMBERS
AND MAKE RECOMMENDATIONS AS APPROPRIATE TO REALIZE THE
MAIN OBJECTIVE:
NAMELY THE DEVELOPMENT OF MANAGEMENT PRACTICES WHICH
MAINTAIN AND ENHANCE THE MARINE ENVIRONMENT.

RECOMMENDATION:
IT IS STRONGLY RECOMMENDED THAT THE NATO SCIENCE COMMITTEE WHEN
ELABORATING ITS PROGRAMS TAKE INTO ACCOUNT THE SPECIFIC NEEDS
STATED IN THE REPORTS OF THE EXPERT GROUPS ON WHICH HAVE GENERA-
LATED THE RESOLUTIONS AND RECOMMENDATIONS.
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BRUSSELS
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LONDON
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